

# Science 2005, Grade 4

Science Composite

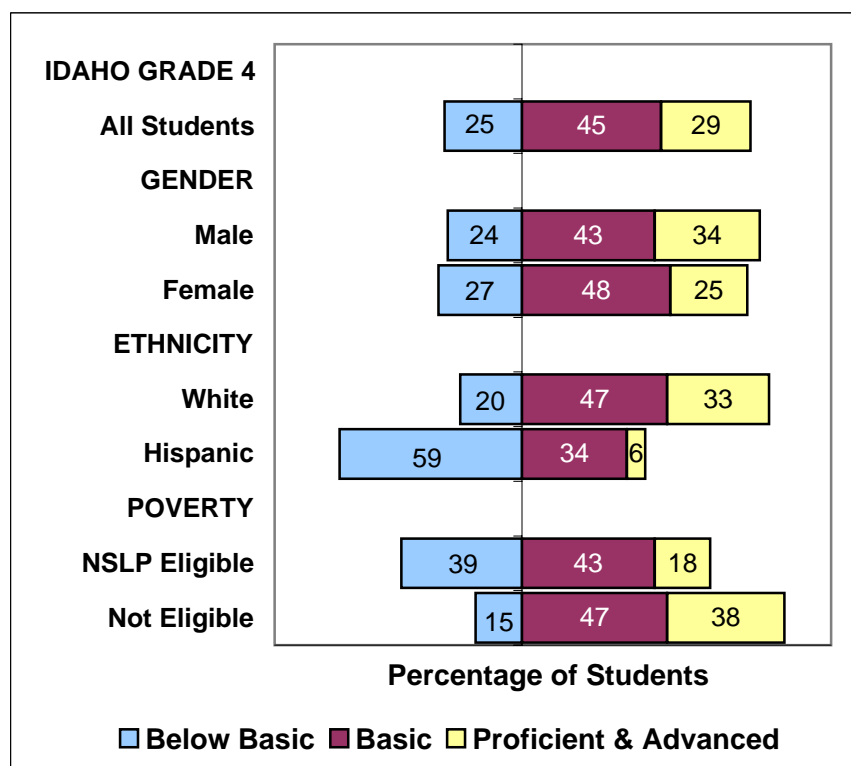


Idaho NAEP Snapshot

Volume 2005, Number 27

The science assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student knowledge and skills in the earth, physical and life sciences. The science scale in the fourth grade ranged from 0 to 300, where 138 was *Basic* (i.e., grade-level performance), 170 was *Proficient*, and 204 was *Advanced*.

## Science Performance Levels by Demographic Group in Idaho



- ◆ On the NAEP 2005 science assessment, the percentage of fourth grade female students who scored at or above *Basic* (73 percent) was not significantly different from their male peers (76 percent).
- ◆ On the NAEP 2005 science assessment, the percentage fourth grade White students who scored at or above *Basic* (80 percent) was higher than their Hispanic peers (41 percent). Sample size was not sufficient to permit a reliable estimate of science performance for Black, Asian, and American Indian students.
- ◆ On the NAEP 2005 science assessment, the percentage of Idaho fourth graders who qualified for free or reduced price meals in the National School Lunch Program scoring at or above *Basic* (61 percent) was lower than their peers who were not eligible for the program (85 percent).

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.